



#4

(X) Original ☐ Supplemental ☐ Substitute ☐ PCT

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "**ULTRA-SENSITIVE DETECTION SYSTEMS**", which is described and claimed in the specification

(check one) ☐ which is attached hereto, or
☒ which was filed on August 13, 2001, as United States Application No. and with
amendments through (if applicable), or
☐ in International Application No. PCT/, filed , and as amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known by me to be material to the patentability of the claims of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code §119 (a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) or §365(b) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATIONS: (ENTER BELOW IF APPLICABLE)			PRIORITY CLAIMED (MARK APPROPRIATE BOX BELOW)	
APP. NUMBER	COUNTRY	DAY/MONTH/YEAR FILED	YES	NO

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE
60/224,939	August 11, 2000
60/283,498	April 12, 2001

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information known by me to be material to the patentability of the claims of this application as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS (MARK APPROPRIATE COLUMN BELOW)		
		PATENTED	PENDING	ABANDONED

I hereby appoint the following attorneys and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:



23859

PATENT TRADEMARK OFFICE

Address all telephone calls to Robert A. Hodges at telephone no. (404) 688-0770.

Address all correspondence to:

Robert A. Hodges, Ph.D.
NEEDLE & ROSENBERG, P.C.
Suite 1200, The Candler Building
127 Peachtree Street, N.E.
Atlanta, Georgia 30303-1811

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Brian T. Chait

Inventor's signature:



Date: 18 Dec 2001

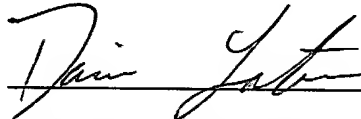
Residence: 500 East 63rd Street, Apt. 20D, New York, New York 10021

Post Office Address:

Citizenship: South Africa

Full name of second inventor: Darin R. Latimer

Inventor's signature:



Date: Nov 20, 2001

Residence: 15 Cutters Lookout, East Haven, Connecticut 06513

Post Office Address:

Citizenship: Canadian

Full name of third inventor: Paul M. Lizardi

Inventor's signature:



Date: 10/10/01

Residence: 7 Stoney Brook Road, Wallingford, Connecticut 06492

Post Office Address:

Citizenship: USA

Full name of fourth inventor: Eric R. Kershner

Inventor's signature: Eric Kershner Date: 10/11/01

Residence: 527 Chapel Street, Apt. D2, New Haven, Connecticut 06511

Post Office Address:

Citizenship: USA

Full name of fifth inventor: Jon S. Morrow

Inventor's signature: Jon S. Morrow Date: 12/21/01

Residence: 85 Soundview Avenue, Madison, Connecticut 06443

Post Office Address:

Citizenship: USA

Full name of sixth inventor: Matthew E. Roth

Inventor's signature: Matthew E. Roth Date: 11/20/01

Residence: 20 Medley Lane, Branford, Connecticut 06405

Post Office Address:

Citizenship: USA

Full name of seventh inventor: Martin J. Mattessich

Inventor's signature: Matt J. Mattessich Date: 10/26/01

Residence: 37 Seymour Road, Woodbridge, Connecticut 06525

Post Office Address:

Citizenship: USA

Full name of eighth inventor: Kevin J. McConnell

Inventor's signature: Kevin J. McConnell

Date: 11/26/01

Residence: 108 Harbor Street, Branford, Connecticut 06405

Post Office Address:

Citizenship: USA